

ATTORNEY DOCKET NUMBER: 0492611-0520

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

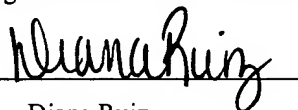
Applicant: Baroli, et al.	Examiner: NYA
Serial No: 10/757,632	Group Art Unit: NYA
Filing Date: January 14, 2004	
Title: METHOD OF PROTECTING SENSITIVE MOLECULES FROM A PHOTO-POLYMERIZING ENVIRONMENT	

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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I hereby certify that the foregoing documents are being deposited with the United States Postal Service as First Class Mail, postage prepaid, "Post Office to Addressee", in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on March 17, 2004.


Diana Ruiz

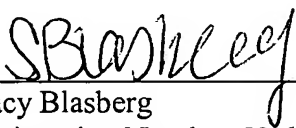
TRANSMITTAL

Enclosed herewith please find:

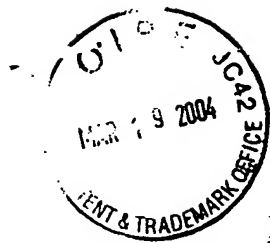
1. Information Disclosure Statement (4 pgs.);
2. Form PTO-1449 (3 pgs.);
3. Cited Art (25 References); and
4. Return-Receipt Postcard.

Please charge any fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

Respectfully submitted,


Stacy Blasberg
Registration Number 52,625

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Exchange Place
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Dated: March 17, 2004



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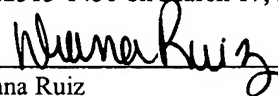
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Diana Ruiz

STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant requests consideration of this Information Disclosure Statement.

Type of Statement

The present Information Disclosure Statement is:

- ☒ An *original* Information Disclosure Statement; or
☐ A *supplemental* Information Disclosure Statement.

Compliance with 37 CFR § 1.97

The present Information Disclosure Statement is being filed:

- ☒ Pursuant to 37 CFR § 1.97(b); no fee or certification is required:
☒ Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);

- ☐ Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
- ☐ Before the mailing of a first Office action on the merits; or
- ☐ Before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.
- ☐ Pursuant to 37 CFR § 1.97(c) after the dates listed above but before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application; Applicant hereby *either*:
 - ☐ Certifies that *either*:
 - ☐ each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
 - ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.; or
 - ☐ Includes herewith the fee set forth in § 1.17(p).
- ☐ Pursuant to 37 CFR § 1.97(d), after the mailing date of any final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application; Applicant hereby *both*:
 - ☐ Certifies that *either*:
 - ☐ each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
 - ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to

the filing of the information disclosure statement.; and

- ☐ Includes herewith the fee set forth in § 1.17(p).

Content of the Information Disclosure Statement

Applicant hereby makes of record in the above-identified application the reference(s) listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

Applicant includes copies of references as indicated below:

- ☒ A copy of each cited reference not indicated with an asterisk is included;
- ☐ Copies of references indicated with an asterisk on the attached form PTO-1449 are not included pursuant to 37 CFR § 1.98(d) because they were previously provided to the United States Patent Office in an Information Disclosure Statement that complies with 37 CFR § 1.98(a)-(c) and was submitted in the following patent application that is relied upon in the present case for an earlier effective filing date under 35 USC § 120:

Serial Number	Filing Date	Status

- ☐ Copies of English translations of one or more non-English references are included.

Applicant hereby makes the following additional information of record in the above-identified application:

Applicant certifies that the Information Disclosure Statement *either*:

- ☒ Does not contain non-English language citations;
- ☐ Does contain non-English language citations, of which the following is a concise explanation:
- ☐ Includes one or more translations of a non-English citation.

Remarks

The submission of this Information Disclosure Statement should not be construed as a

representation that a search has been made.

The submission of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b) .

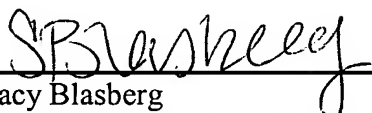
The submission of this Information Disclosure Statement shall not be construed as a representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited patent(s) and publication(s) has (have) been fully considered by the Patent and Trademark Office during the examination of this application; and
3. The citations for the patent(s) and publication(s) be printed on any patent which issues from this application.

Notwithstanding any statements by Applicants, the Examiner is urged to form his or her own conclusions regarding the relevance of the cited reference(s).

Respectfully submitted,


Stacy Blasberg
Registration Number: 52,625

Choate, Hall & Stewart
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53 State Street
Boston, Massachusetts 02109
Phone: (617) 248-5000
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Form PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket: 0492611-0520	In re Application No. 10/757,632
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				Applicant: Baroli, et al. <hr/> Filing Date: January 14, 2004	
U.S. PATENT DOCUMENTS					
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
	5,837,752	Shastri, et al.	November 17, 1998	523	116
	6,312,931	O'Dwyer, et al.	November 6, 2001	435	173.1
	6,280,983	Backlund, et al.	August 28, 2001	435	134
	4,965,012	Keith E. Olson	October 23, 1990	252	174.12
	3,962,038	Kawashima, et al.	June 8, 1976	195	68
U.S. PATENT APPLICATIONS					
Examiner's Initials:	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:
FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
OTHER DOCUMENTS					
Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)				
	Muggli DS, Burkoth AK, Keyser SA, Lee HR, Anseth KS. 1998. Reaction behavior of biodegradable, photo-cross-linkable polyanhydrides. <i>Macromolecules</i> 31:4120-4125.				
	Lu S, Anseth KS. 1999. Photopolymerization of multilaminated poly(HEMA) hydrogels for controlled release. <i>J Controlled Release</i> 57:291-300.				
	Elisseeff J, Anseth K, Sims D, McIntosh W, Randolph M, Langer R. 1999. Transdermal photopolymerization for minimally invasive implantation. <i>Proc Natl Acad Sci USA</i> 96(6):3104-3107.				
	Burkoth AK, Anseth KS. 2000. A review of photocrosslinked polyanhydrides: In situ forming degradable networks. <i>Biomaterials</i> 21(23):2395-2404.				
	Elisseeff J, McIntosh W, Anseth K, Riley S, Ragan P, Langer R. 2000. Photoencapsulation of chondrocytes in poly(ethyleneoxide)-based semi-interpenetrating networks. <i>J Biomed Mater</i>				



Form PTO-1449
(REV. 8-83)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket:
0492611-0520

In re Application No.
10/757,632

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Baroli, et al.

Filing Date:
January 14, 2004

Group:
NYA

Res 51(2):164-171.

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Elisseeff J, McIntosh W, Anseth K, Langer R. 1999. Cogelation of hydrolysable cross-linkers and poly(ethylene oxide) dimethacrylate and their use as controlled release vehicles. In Dinh SM, DeNuzzio JD, Comfort AR, editors. Intelligent materials for controlled release. Washington DC: ACS, pp 1-13.

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USP 24. 2000. The United States Pharmacopeia 24. Rockville, MD: The United States Pharmacopeial Convention, Inc.

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		Filing Date: January 14, 2004	Group: NYA
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	Josephy PD, Eling T, Mason RP. 1982. The horse-radish peroxidase-catalyzed oxidation of 3,5,3',5'-tetramethylbenzidine. J Biol Chem 257(7):3669-3675.		
	Bergmeyer HU, editor. 1974. Methods of enzymatic analysis, 2 nd ed. New York: Academic Press Inc., Vol. 1, p 459.		
	Cook WD. 1992. Photopolymerization kinetics of dimethacrylates using the camphorquinone/amine initiator system. Polymer 33(2):600-609.		
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	Arakawa T, Prestrelski SJ, Kenney WC, Carpenter JF. 2001. Factors affecting short-term and long-term stabilities of proteins. Adv Drug Del Rev 46:307-326.		
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